Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the above-identified application.

Listing of Claims

The listing of claims below will replace all prior versions and listings of claims in the present application.

1. (Currently Amended) A communication network, comprising:

a plurality of server devices for providing a plurality of services, respectively, to the network, where each service of the plurality of services has a corresponding service address, and wherein the plurality of services are distinct from each other;

a client device configured to access a first service of the plurality of services by performing at least the following:

accessing a service point map on the client device to obtain a first service address for the first service, and

sending a request for the first service to the first service wherein the request comprises the first address for the first service,

wherein the service point map comprises a listing of the plurality of services and their corresponding service addresses, including the first service address;

a service point map manager for generating a new service point map after the corresponding service address for the first service is changed from the first service address to a second service address, wherein the new service point map comprises the second service address.

2. (Currently Amended) The communication network of claim 1 wherein the service point map manager is configured to send the new service point map to the client device.

3. (Previously Presented) The communication network of claim 2, wherein the service point map manager device selects at least one connected service for inclusion in the new service point map using server load balancing techniques.

4.   (Previously Presented) The communication network of claim 3, wherein the server load balancing techniques are implemented by supplying a first service point map to the client device, wherein the first service point map has been processed for load balancing.

5.   (Previously Presented) The communication network of claim 3, wherein the server load balancing techniques are implemented by supplying a first service point map to the client device, wherein the client device runs a script code in the first service point map to select the at least one connected service.

6.   (Previously Presented) The communication network of claim 2, wherein the service point map manager device selects at least one connected service for inclusion in the new service point map based on the topographical location of the client device in the network.

7.   (Previously Presented) The communication network of claim 1, wherein the service point map includes supplemental service identification data comprising a client epoch value for a second service identified in the service point map, wherein the client epoch value is used to correlate the performance of the client device and the second service.

8.   (Previously Presented) The communication network of claim 7, wherein a third service has a corresponding service epoch value, whereby the third service causes the client device to take corrective action at the time that a mismatch is detected between the client epoch value and the service epoch value using executable commands embedded in the service point map.

9.   (Previously Presented) The communication network of claim 1, wherein a second service of the plurality of services causes the client device to perform actions using executable commands in the service point map.

10.   (Previously Presented) The communication network of claim 1, wherein the service point map includes backup service address information for a selected service identified in the service point map in the event that the selected service cannot be reached.

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11. (Previously Presented) The communication network of claim 10, wherein the backup service address information comprises address information for a service point map manager device.

12. (Previously Presented) The communication network of claim 10, wherein the backup service address information comprises address information for an alternate server device providing the selected service.

13. **(Currently Amended)** In a client/server communication network wherein a plurality of services are located on a plurality of servers operable to connect to the network, a server computer system for:

> generating a table listing comprising identities of first and second services provided by
>> first and second servers, respectively, of the plurality of servers and first and
>> second location information for the first and second services, respectively,
>> wherein the first and second location information are distinct from each other, and
>> wherein the first and second services are distinct from each other;
> sending the table listing to a client computer system for storage therein, wherein the table
>> listing enables the client computer system to access the second service using the
>> second location information in the table listing for the second service;
> generating a new table listing after the second location information for the second service
>> is changed to a third location information, wherein the new table listing comprises
>> the identities of the first and second services and first and third location
>> information for the first and second services, respectively, wherein the second and
>> third location information are distinct from each other.

14. (Previously Presented) The server computer system of claim 13, wherein the server computer system generates the table listing based on service topology existing at the time the table listing was generated.

15. (Previously Presented) The server computer system of claim 13, wherein the server computer system sends the table listing client computer system when the client computer system connects to the network.

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16.   (Previously Presented) The server computer system of claim 13, wherein the first service is selected from the plurality of services using a first partitioning scheme, wherein the first partitioning scheme is a functional partitioning of the plurality of services.

17.   (Previously Presented) The server computer system of claim 13, wherein the first service is selected from the plurality of services using a first partitioning scheme, wherein the first partitioning scheme uses identification data associated with the client computer system to select the first service.

18.   (Previously Presented) The server computer system of claim 13, wherein the first service is selected from the plurality of services using a first partitioning scheme, wherein the first partitioning scheme is uses a resource connection to select the first service.

19.   (Previously Presented) The server computer system of claim 13, wherein the first service is selected from the plurality of services using a first partitioning scheme, wherein the first partitioning scheme uses equivalency to select the first service.

20.   (**Currently Amended**) A method comprising:
in a first server of a plurality of servers transferring a dynamic service point map to a
        client in response to the client connecting to a computer network;
wherein the dynamic service point map comprises identities of first and second services
        along with first and second location information, respectively, wherein the first
        and second services are provided by first and second servers, respectively, and
        wherein the first and second services are distinct from each other;
creating a new dynamic service point map by changing the second location information
        for the second service to a third location information in the dynamic service point
        map in response to adding the second service to a third server;
the first server transferring [[a]] the new dynamic service point map to the client;
wherein the new dynamic service point map comprises identities of first and second
        services along with first and third location information, respectively, wherein the
        second and third location information are distinct from each other.

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21.   (Previously Presented) The method of claim 20 further comprising:

the first server receiving the second location information for inclusion in the dynamic

service point map.

22.   (Previously Presented) The method of claim 20 further comprising transferring

the new service point map to the client upon failure of the client to connect to the second

service listed in the dynamic service point map.

23.   **(Currently Amended)** A computer-readable medium comprising:

transferring instructions to transfer a dynamic service point map to a client process

running on a client from a first server of a plurality of servers in a network in

response to the client process connecting to the network, wherein the dynamic

service point map comprises first and second location information corresponding

to the first and second services, respectively, implemented on first and second

servers, respectively, and wherein the first and second services are distinct from

each other;

transferring instructions to transfer a new dynamic service point map to the client process

running on the client after the second location information for the second service

is changed to a third location information;

wherein the new dynamic service point map comprises identities of first and second

services along with first and third location information, respectively, wherein the

second and third location information are distinct from each other.

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24.   (Previously Presented) The computer-readable medium of claim 23 further comprising:

generating instructions to generate the second location information, and

publishing instructions to publish the second location information for inclusion in the dynamic service point map.

25.   (Previously Presented) The computer-readable medium of claim 23 further comprising:

second transferring instructions to transfer the new updated dynamic service point map to the client process upon failure of the client process to connect to second service listed in the dynamic service point map.

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